

2: Changing Images

```
root@a019e82b1da5:/
Unpacking libffi6:amd64 (3.2.1-4) ...
Selecting previously unselected package libp11-kit0:amd64.
Preparing to unpack .../libp11-kit0_0.23.2-5-ubuntu16.04.2_amd64.deb ...
Unpacking libp11-kit0:amd64 (0.23.2-5-ubuntu16.04.2) ...
Selecting previously unselected package libtasn1-6:amd64.
Preparing to unpack .../libtasn1-6_4.7-3ubuntu0.16.04.3_amd64.deb ...
Unpacking libtasn1-6:amd64 (4.7-3ubuntu0.16.04.3) ...
Selecting previously unselected package libgnutls30:amd64.
Preparing to unpack .../libgnutls30_3.4.10-4ubuntu1.8_amd64.deb ...
Unpacking libgnutls30:amd64 (3.4.10-4ubuntu1.8) ...
Selecting previously unselected package libgnutls-openssl127:amd64.
Preparing to unpack .../libgnutls-openssl127_3.4.10-4ubuntu1.8_amd64.deb ...
Unpacking libgnutls-openssl127:amd64 (3.4.10-4ubuntu1.8) ...
Selecting previously unselected package iputils-ping.
Preparing to unpack .../iputils-ping_3%3a20121221-5ubuntu2_amd64.deb ...
Unpacking iputils-ping (3:20121221-5ubuntu2) ...
Processing triggers for libc-bin (2.23-0ubuntu11.2) ...
Setting up libgmp10:amd64 (2:6.1.0+dfsg-2) ...
Setting up libnettle6:amd64 (3.2-1ubuntu0.16.04.2) ...
Setting up libhogweed4:amd64 (3.2-1ubuntu0.16.04.2) ...
Setting up libidn11:amd64 (1.32-3ubuntu1.2) ...
Setting up libffi6:amd64 (3.2.1-4) ...
Setting up libp11-kit0:amd64 (0.23.2-5-ubuntu16.04.2) ...
Setting up libtasn1-6:amd64 (4.7-3ubuntu0.16.04.3) ...
Setting up libgnutls30:amd64 (3.4.10-4ubuntu1.8) ...
Setting up libgnutls-openssl127:amd64 (3.4.10-4ubuntu1.8) ...
Setting up iputils-ping (3:20121221-5ubuntu2) ...
Setcap is not installed, falling back to setuid
Processing triggers for libc-bin (2.23-0ubuntu11.2) ...
root@a019e82b1da5:/# ping google.com
PING google.com (172.217.161.174) 56(84) bytes of data.
64 bytes from 172.217.161.174: icmp_seq=1 ttl=37 time=62.4 ms
64 bytes from 172.217.161.174: icmp_seq=2 ttl=37 time=78.7 ms
64 bytes from 172.217.161.174: icmp_seq=3 ttl=37 time=56.3 ms
64 bytes from 172.217.161.174: icmp_seq=4 ttl=37 time=42.2 ms
64 bytes from 172.217.161.174: icmp_seq=5 ttl=37 time=82.3 ms
^C
--- google.com ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 5149ms
rtt min/avg/max/mdev = 42.244/64.434/82.397/14.763 ms
root@a019e82b1da5:/#
```

```
C:\Users\Divine Seroy>docker commit -a "John Watson" -m "Added ping utility." watson/ping a019e82b1da5
Error response from daemon: No such container: watson/ping

C:\Users\Divine Seroy>docker commit -a "John Watson" -m "Added ping utility." a019e82b1da5 watson/ping
sha256:286016e8bb6b0e51a36cb5d4c9498676af63d74af95a5ebf043b2b5a87f415b

C:\Users\Divine Seroy>docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
watson/ping         latest             286016e8bb6b       13 seconds ago     170MB
<none>              <none>             7717b9b77c0a       4 minutes ago      170MB
docker101tutorial   latest             810f78220c6e       28 hours ago       28MB
alpine/git          latest             b8f176fa3f0d       3 weeks ago        25.1MB
ubuntu              16.04             9ff95a467e45       3 weeks ago        135MB

C:\Users\Divine Seroy>docker rmi 771
Deleted: sha256:7717b9b77c0a4650be52b8917feae68befe21f03dba9f46bf386654db71ebaf1

C:\Users\Divine Seroy>docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
watson/ping         latest             286016e8bb6b       2 minutes ago      170MB
docker101tutorial   latest             810f78220c6e       28 hours ago       28MB
alpine/git          latest             b8f176fa3f0d       3 weeks ago        25.1MB
ubuntu              16.04             9ff95a467e45       3 weeks ago        135MB

C:\Users\Divine Seroy>
```

```

root@f79776ad9a83:/
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
watson/ping    latest    286016e8bb6b   13 seconds ago 170MB
<none>        <none>    7717b9b77c0a   4 minutes ago  170MB
docker101tutorial latest    810f78220c6e   28 hours ago  28MB
alpine/git     latest    b8f176fa3f0d   3 weeks ago   25.1MB
ubuntu         16.04     9ff95a467e45   3 weeks ago   135MB

C:\Users\Divine Seroy>docker rmi 771
Deleted: sha256:7717b9b77c0a4650be52b8917fae68befe21f03dba9f46bf386654db71ebaf1

C:\Users\Divine Seroy>docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
watson/ping    latest    286016e8bb6b   2 minutes ago  170MB
docker101tutorial latest    810f78220c6e   28 hours ago  28MB
alpine/git     latest    b8f176fa3f0d   3 weeks ago   25.1MB
ubuntu         16.04     9ff95a467e45   3 weeks ago   135MB

C:\Users\Divine Seroy>docker run -it delner/ping /bin/bash
Unable to find image 'delner/ping:latest' locally
^C

C:\Users\Divine Seroy>docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
watson/ping    latest    286016e8bb6b   3 minutes ago  170MB
docker101tutorial latest    810f78220c6e   28 hours ago  28MB
alpine/git     latest    b8f176fa3f0d   3 weeks ago   25.1MB
ubuntu         16.04     9ff95a467e45   3 weeks ago   135MB

C:\Users\Divine Seroy>docker run -it watson/ping /bin/bash
root@f79776ad9a83:/# ping google.com
PING google.com (172.217.161.174): 56(84) bytes of data:
64 bytes from 172.217.161.174: icmp_seq=1 ttl=37 time=68.3 ms
64 bytes from 172.217.161.174: icmp_seq=2 ttl=37 time=65.9 ms
64 bytes from 172.217.161.174: icmp_seq=3 ttl=37 time=66.4 ms
64 bytes from 172.217.161.174: icmp_seq=4 ttl=37 time=56.8 ms
64 bytes from 172.217.161.174: icmp_seq=5 ttl=37 time=66.5 ms
64 bytes from 172.217.161.174: icmp_seq=6 ttl=37 time=75.5 ms
64 bytes from 172.217.161.174: icmp_seq=7 ttl=37 time=77.2 ms
64 bytes from 172.217.161.174: icmp_seq=8 ttl=37 time=60.2 ms
^C
-- google.com ping statistics --
8 packets transmitted, 8 received, 0% packet loss, time 7012ms
rtt min/avg/max/mdev = 56.859/67.148/77.258/6.418 ms
root@f79776ad9a83:/#

```